

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-028785**Date Inspected:** 03-Nov-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** See below.**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

Quality Assurance Inspector (QA) Fritz Belford was at the American Bridge/Fluor (ABF) job site at Yerba Buena Island in California between the times noted above in order to monitor Quality Control functions and the in process work being performed by ABF personnel. The following items were observed:

OBG 12E

Welder Mike Jimenez #4671:

Welder was observed performing exterior weld repair on weld 12E E2.1-C1 at Y location 30000 - 31000 on Ultrasonic Testing (UTSW) rejected indications noted by QC Inspectors. Welder was observed utilizing Welding Procedure Specification (WPS) ABF-WPS-D15-1004-Repair for Shielded Metal Arc Welding (SMAW) as per Request for Weld Repair (RWR) 201210-016. The welder preheated the weld prior to welding. Other welding parameters as verified by QC Inspector John Hays appear to be in compliance with the WPS noted above.

Welder Rick Chouinard #8959:

Welder was observed performing exterior weld repair on weld 12E E2.1-C1 at Y location 11500 - 12500 on Ultrasonic Testing (UTSW) rejected indications noted by QC Inspectors. Welder was observed utilizing Welding Procedure Specification (WPS) ABF-WPS-D15-1004-Repair for Shielded Metal Arc Welding (SMAW) as per Request for Weld Repair (RWR) 201210-016. The welder preheated the weld prior to welding. Other welding parameters as verified by QC Inspector John Hays appear to be in compliance with the WPS noted above.

Welder Chris Bruce #8901:

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

Welder was observed performing exterior weld repair on weld 12E E2.1-C1 at Y location 25500 - 26500 on Ultrasonic Testing (UTSW) rejected indications noted by QC Inspectors. Welder was observed utilizing Welding Procedure Specification (WPS) ABF-WPS-D15-1000-Repair for Shielded Metal Arc Welding (SMAW). The welder preheated the weld prior to welding. Other welding parameters as verified by QC Inspector John Hays appear to be in compliance with the WPS noted above. Weld section is non SPCM, RWR is not required for R1 repairs.

Welder Wai Kit Lai #2953:

Welder was observed performing exterior weld repair on weld 12E E2.1-C1 at Y location 20500 - 21500 on Ultrasonic Testing (UTSW) rejected indications noted by QC Inspectors. Welder was observed utilizing Welding Procedure Specification (WPS) ABF-WPS-D15-1000-Repair for Shielded Metal Arc Welding (SMAW). The welder preheated the weld prior to welding. Other welding parameters as verified by QC Inspector John Hays appear to be in compliance with the WPS noted above. Weld section is non SPCM, RWR is not required for R1 repairs.

Non-Destructive Testing (NDT)

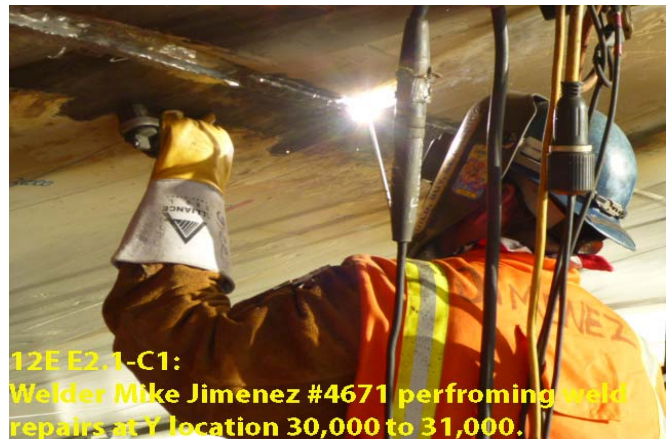
This QA performed Magnetic Particle Testing on the following:

12E E2.1-C1:

- Excavation 1000 x 55 x 11 Deep at Y 20,500 (MPT Accept.)

This QA Inspector completed the report form TL-6028 on this date noting items acceptance or rejection as per applicable code. The completed and accepted work observed at this location appeared to be in compliance with the contract specifications.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



WELDING INSPECTION REPORT

(Continued Page 3 of 3)



Summary of Conversations:

Conversations this day as required for scope of work.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Gary Thomas - (916) 764 - 6027, who represents the Office of Structural Materials for your project.

Inspected By:	Belford,Fritz	Quality Assurance Inspector
Reviewed By:	Reyes,Danny	QA Reviewer
